

Converting Colors

Hex(2E230A)

Have a look what the booklet for
Hex(2E230A) contains.

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Color

Hex(2E230A)

Conversions

Conversions Part 1

Format	Color
Hex	2E230A
RGB	46, 35, 10
RGB Percent	18%, 14%, 4%
CMY	0.8196, 0.8627, 0.9608
CMYK	0.00, 0.24, 0.78, 0.82
HSL	42°, 64%, 11%
HSV	42°, 78%, 18%
XYZ	1.7825, 1.8048, 0.5416
YIQ	35.4390, 14.5810, -5.4430

Conversions

Conversions Part 2

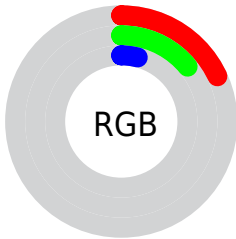
Format	Color
R_{YB}	26, 46, 10
Decimal	3023626
CIE Lab	14.43, 1.69, 17.13
CIE LCh	14, 17.212, 84.371
Yxy	1.8048, 0.4317, 0.4371
Android (android.graphics.Color)	4281213706 (0xFF2E230A)
YUV	35.4390, -12.5414, 9.2620
Hunter-Lab	13.4344, 0.1741, 7.0139

Details

The Hex color **2E230A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A152E**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5D4F36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E2205**, and if you desaturate by 10%, it is **2E240F**.

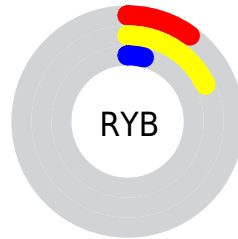
Distribution



Red (18%)

Green (14%)

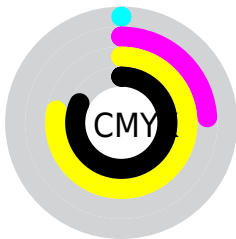
Blue (4%)



Red (10%)

Yellow (18%)

Blue (4%)

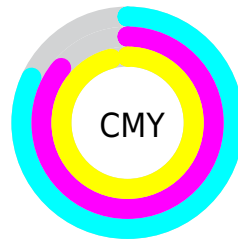


Cyan (0%)

Magenta (24%)

Yellow (78%)

Black (82%)



Cyan (82%)

Magenta (86%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E230A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2E230A by changing the saturation by 10% instead.

 2E230A

 2E230A

 FFFFEA

 180E00

 5D4F36

 000000

 76674D

 908065

 AB9A7E

 C7B598

 E3D0B3

 FFEDCE

 2E230A

 2E230A

■ 2E2205

■ 2E240F

■ 2E2001

■ 2E2613

■ 2E2000

■ 2E2718

■ 2E291C

■ 2E2A21

■ 2E2B26

■ 2E2D2A

■ 2E2E2F

■ 2E3033

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



371F11



2E230A



22270D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E230A



002B2E



311E33

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2E230A



0A152E

Split Complementary

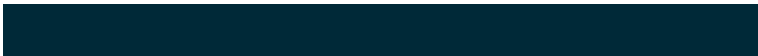
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



22223A



2E230A



002938

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2E230A



002B22



09263C



3A1B27

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2E230A



192913



09263C



2D1F36

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2E230A



3B372D



2E0A15



1F1C16



9E9E9E



1F1F1F

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2E230A



3B2A04



272E0A



171615



573C00



D69500

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



0A152E



04143B



110A2E



151517



001A57



0041D6

Previews

White Background



This preview shows how the Hex color 2E230A looks on a white background.

Color Contrast Check

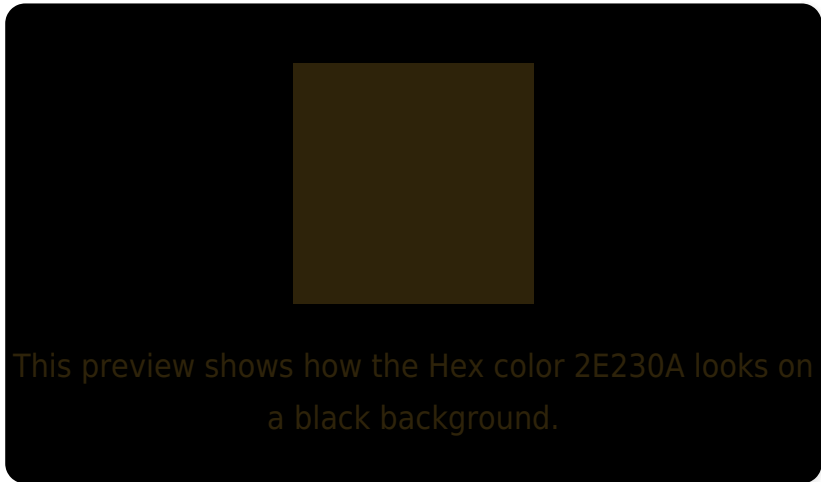
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

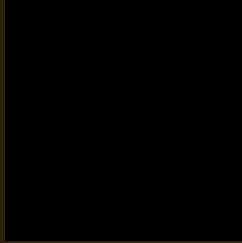
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2E230A Background



This preview shows how black text looks on a background with the Hex color 2E230A.

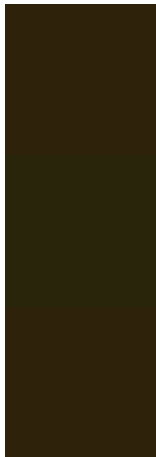


This preview shows how white text looks on a background with the Hex color 2E230A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

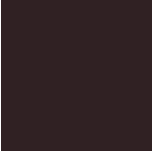
Dichromacy



Original Color
2E230A

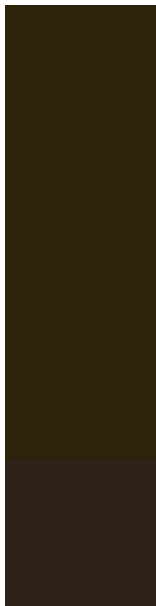
Protanopia
29250A

Deuteranopia
2E230A



Tritanopia
302123

Trichromacy



Original Color

2E230A

Protanomaly

2B240A

Deuteranomaly

2E230A

Tritanomaly

2F221A

Monochromacy



Original Color

2E230A

Achromatopsia

232323

Achromatomaly

27231A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E230A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2E230A looks like.

```
.text, #text, p{  
    color:#2E230A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2E230A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E230A
}
```

Border

The CSS property to change the border of an element to Hex 2E230A is called "border". The border property can be set on classes, ids or directly on the HTML element.

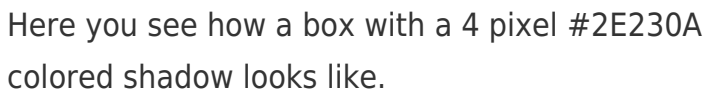
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E230A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2E230A }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #2E230A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E230A; -webkit-box-shadow:4px 4px  
4px 4px #2E230A; box-shadow:4px 4px 4px  
4px #2E230A }
```

Background

The CSS property to change the background color of an element to Hex 2E230A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E230A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2E230A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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